

## Abstract of the Disclosure

**Determination of Pharmaceutical Expiration Date**

5 A temperature sensor coupled to a supply of medication measures the temperature of the medication. A real time clock circuit is programmed with a start date and controller integrated circuitry controls operation of the clock and temperature sensor. The controller is programmed with medication temperature profile data that is specific to the medication. The controller integrates temperature and time data with medication temperature profile data for the medication to calculate an expiration date that corresponds to a

10 potency condition for the medication.